About the PCI-E I/O card

This PCI-E I/O card uses an all-in-one solution which provides superior performance and unmatched date transfer rates. The most advanced feature is it uses of a single interrupt, which is set automatically by the host system and share among all on-board I/O ports.

◇Windows®2000/XP/Server2003/Vista/7

◇Pentium or equivalent notebook computer with available PC Card slot

Hardware Installation

1.Turn off your computer and connect all devices to it.

2.Remove the computer' s cove, Refer to your computer user manual for more details.

3.Find an unused PCI-E slot and remove the metal bracket. Keep the bracket screw for later use.

4.Align the card horizontally with respect to the PCI-E slot and insert it into the sot. Once your have properly positioned the PCI-E I/O card into the slot. Secure the PCI-E I/O card with the bracket screw you have saved.

5.Replace the computer' s cover

6.Turn your computer on. You are now ready to install the driver.

Driver Installation

Driver locations

All the drivers for the following PCI-E I/O card are in these directories of the driver CD.

2S/2S1P/4S/1P :/8X5

For Windows 32/64 bit.

1.At the found new hardware wizard, click cancel.

2.Insert the Driver CD, and X:\IOC\32\ or X:\IOC\64\

3.Double click "setup", and click "Next" and "finish".

To Verify Windows® Driver Installation

1. Right click My Computer, then click Manage. Click Device Manager.

2. Click on the + (plus sign) in front of Ports(COM & LPT), two Hi-Speed PCI-E Serial Port ··· and one Hi-Speed PCI-E Parallel Port ··· should be displayed.

3. Double click Multifunction adapters, Hi-Speed PCI-E Multi-I/O Controller should be displayed.

Change COM Port Address

Some serial devices need a specific COM port in order to work. If your serial devices work properly, do not change this settings.

For Windows® 2000/XP/Server 20003/Vista/7 Serial Port Installation

1. From the **Device Manager** window double click **Ports(COM &LPT)**, then double click the **... Serial Port** you want to change.

2. Click **Settings** tab and click **Advanced**.

3. Click the down arrow that is next to the **COM Port** Number box, select a COM port that is not in use, then click **OK**.

4. Click **OK**, then close **Device Manager** to save the changes. Follow steps **1-4** again to change the second serial port if needed. Change Parallel Port Address, Some parallel devices need a specific parallel port in order to work. If your parallel devices works properly, do not change this settings.

For Windows® 2000/XP/Server 20003/Vista/7 Paraller Port Installation

1. From the **Device Manager** window double click **Ports(COM & LPT)**, then double click the **Hi-Speed Parallel Port** ···

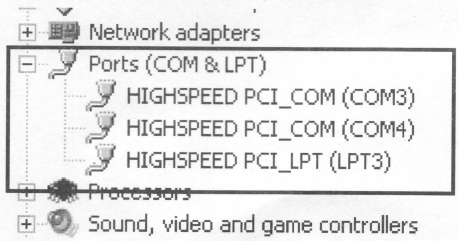
2. Click Port **Settings** tab.

3. At the **LPT Port Number** box, click the down arrow and select an LPT port that is not in use.

4. Click **OK**, then close **Device Manager** to save the changes.

Verifying Driver Installation

8X5 device detection and driver installation can be confirmed from Device Manager. For Example, Proper detection of the 8X5 PCI-E Card (2 Serial + 1 Parallel) can be confirmed by viewing the Device manager as shown below:



Installation DOS Driver

The following procedures explain how to install 8X5 serial and parallel I/O ports on DOS.

Step 1: Copy "mtdosin.exe" to 'C:\' Drive from Floppy. The command is "copy a:\ mtdosin.exe c:\"

Step 2: type "mtdosin -a -r" and press Enter. (-a is used for adding 8X5 ports). On Successful installation, information is displayed as below:

```
Found Suntac Technology pci device 6872(o
Serial Port1 at 3E8
Serial Port2 at 2E8
PrinterPort1 at 278
Detected 1 PCI device(s)
---------------------------------------------------------
COM1 exists at 3F8
COM2 exists at 2F8
COM3 exists at 3E8(IRQ11)
COM4 exists at 2E8(IRQ11)
LPT1 exists at 378
LPT2 added at 278 (IRQ 11)
---------------------------------------------------------
```

Packages

1.PCI-E I/O card

2.Driver CD

3.User Manual

4.Bracket with COM ports(subject to different models)